

LALAWIGAN NG BULACAN
Pamahalaang Lungsod ng Baliwag
CITY ENVIRONMENT AND NATURAL RESOURCES OFFICE
INSPECTION REPORT

PRO RENAL SPECIALIST DIALYSIS CENTER CORPORATION

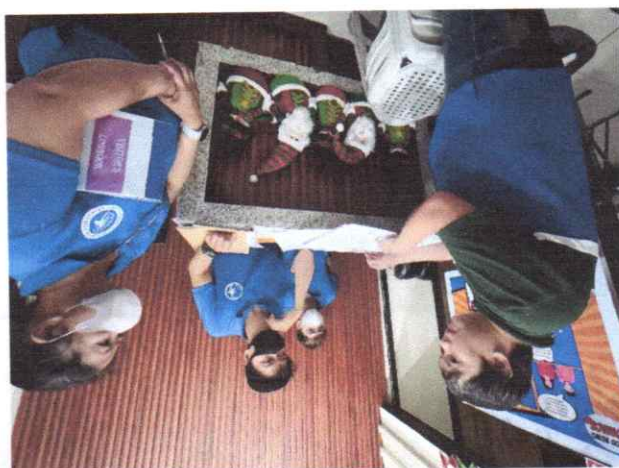
Marcelo Hospital, Subic, Baliwag City, Bulacan

Regular Inspection

October 28, 2025

October 28, 2025 (11:30 am) conducted by Joint Inspection and
Assessment Team (JIAT)

Inspection report: Upon investigation, Monitoring & Inspection Team had come up with the following observations and findings, to with



Serbisyon May Malasakit!



Signature of J. Garcia

Findings:

➤ Local Permits:

- Has business permit for the current year 2025
- Has sanitary permit

➤ Environmental Permits under DENR-EMB

- Without environmental permits such as Certificate of Non-Coverage (CNC), Discharge Permit, Permit to Transport (PTT) for Hazardous wastes and Hazardous wastes generator I.D
- Without accredited Pollution Control Officer (PCO)

➤ Solid Wastes Management (R.A 9003)

- Has segregated bins
- Has established Materials Recovery Facility (MRF) under Marcelo Hospital Management
- Practiced segregation of solid wastes

➤ Liquid Wastes Management (R.A 9275)

- Wastes water (effluent) generated are catered under Marcelo Hospital management (Inter connected)
- Without Sewage Treatment Plant (STP)
- Has wastes water analysis result

➤ Toxic Substances and Hazardous and Nuclear Waste Control Act (R.A 6969)

- Hazardous wastes generated are catered under Marcelo Hospital management
- Others:

- Total No. of operational dialysis machine, 3

Typical STP Requirements for a Dialysis Center

- Dialysis wastewater requires a biological treatment type STP because it contains chemicals, disinfectants, and biological contaminants.
- Most commonly used systems are:
 - MBR (Membrane Bioreactor) efficient technology for medical wastewater. Compact design, effectively removes bacteria, viruses, blood residues, disinfectants, and other organic materials.
 - MBBR (Moving Bed Biofilm Reactor) for smaller dialysis centers with lower wastewater volume.
- STP capacity must base on the volume of wastewater generated per day.
- Estimated water consumption of dialysis machine per session, (120-150L per session)
- Example computation: 10 machines operating two sessions per day, $10 \times 150 \times 2 = 3,000$ liters (3 cubic meters) per day
- The capacity of the STP should be based on the number of operating machine and the number of sessions made per day. Allow extra margin for cleaning and backwash water.
- Compliance with the DENR DAO 2016-08 (Implementing Rules and Regulations of the Clean Water Act) is a must.
- Effluent should meet Class C water quality standards before discharge. Regular testing and Laboratory Analysis Reports (DENR-accredited lab) are required.

In regards with the above-mentioned findings, City ENRO cited the following recommendations to comply with the implementing environmental laws. The lists of recommendations are as follows: